From: "Oakley, Dennis" <dennis.oakley@pacificorp.com>

To: "Chris Imbrogno - DEQ" <cimbrogno@utah.gov>, "DEQ- Mike Herkimer" <mherkimer@utah.gov>, "DEQ-Jennifer Strong" <jenstrong@utah.gov>, "Edith Van Vleet" covanyloot@utah.gov, "DEQ-Jennifer Strong" <jenstrong@utah.gov>, "Edith Van Vleet"

<evanvleet@utah.gov>

Date: 10/27/03 9:42AM

Subject: DMR's for September, 2003

<<sepcov03.pdf>> <<sepdmr03.pdf>>

Dennis Oakley Environmental Engineer

Energy West Mining Company 15 North Main Street Huntington, Utah 84528

Phone: 435.687.4825 Fax: 435.687.2695

e-mail: dennis.oakley@pacificorp.com

Opportunity is missed by most people because it is dressed in overalls, and

looks like work.

- Thomas

A. Edison -

CC: "Carl Pollastro" <carl.pollastro@pacificorp.com>, "Chuck Semborski" <chuck.semborski@pacificorp.com>, "Dennis Oakley" <dennis.oakley@pacificorp.com>, "Ken Fleck" <ken.fleck@pacificorp.com>, "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>



October 27, 2003

Department of Environmental Quality Division of Water Quality 288 North 1460 West P.O. Box 144870 Salt Lake City, UT 84114-4870

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of September, 2003. There were no exceedances to report for this reporting period. If you have any questions concerning this report, please feel free to call Dennis Oakley at 687-4825 or Chuck Semborski at 687-4720.

Sincerely,

Carl Pollastro

Technical Services Manager

Encl

Cc: Division of Oil, Gas and Mining

Coal Regulatory Program 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

Chuck Semborski, with enclosures

Dennis Oakley, Ken Fleck

			Di	scharg	e Monitori	ıng Keport					
Name: PacifiCorp, Energ. Address: P.O. Box 310	West Mining Cor	mpany						Sediment p	ond outfall into C	ottonwood Ck.	
Huntington, Utal	n 84528		UI0023728	1	0901/03	09/30/2003			001A		No Discharge
Facility: Trail Mountain	Mine		Permit Number		Monitor	ring Period	_	Dischar	ge Number]	X
Parameter		Quan	tity or Loading		Q	uantity or Conc	entration			F	
1 ar ameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	*****	****		1/30	Measrd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pН	Sample Measurement	******	******	****		******				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	*****					1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	******	******				1/30	Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Daji	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	4216				1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******			55		l.4 Daily max	(19) mg/L		once/month	Grab
Oil and Grease	Sample Measurement	******	NO	****	******	******				0	-
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	******				1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	******	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		lawthat I have personally exa			Date:	09/27/20	003		Telephone	
Dee Jense - President Mining Com		immediately responsible information is true, accur- for submitting false info	erein; and based on my inquiry for obtaining the information ate and complete. I amaware tha rmation, including the possib	,I believe the sub at there significan ility of fine and i	mitted t penalties mprisonment.		ng lla	stes	435	687-	9821
Typed or Pri			01 and 33 USC paragraph 131 to \$10,000 and or maximum i		nalties under these vetween 6	Signature of Principal Executive Officer or Authorized Agent			Area Code	Nu	mber
Comments and explanation		2"								L	
During storm discharge, sc			r oil and grease is on	lly required	when sheen is obs	erved					

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			Di	scharg	e Monitori	ng Report					
Name: PacifiCorp, Energy Address: P.O. Box 310 Huntington, Utah	-	ipany	UI0023728	1	0901/03	09/30/2003	1		002	ì	No Discharge
Facility: Trail Mountain M			Permit Number]	Monitorii]		ge Number		X
Parameter		Quant	ity or Loading		Qı	antity or Conc	entration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****		2/30	Measurd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		twice/month	Estimated
pН	Sample Measurement	******	******	****		******				2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	******					2/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab
Settleable Solids	Sample Measurement	******	*******	****	******	******				**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Dai	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	210	5			2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******		**	551		I.4 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease	Sample Measurement	******	NO	****	******	******				**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	*******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	******	******	****	******	******				2/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1200 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	*****	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Execu	ıtive Officer		awthat I have personally exam			Date:	09/27/20	03		Telephone	
Dee Jense - President In Mining Comp		Information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and completed a massacrethat these significant possible for submitting fides information, including the possibility of fine and imprisonment. See IS USC paraserph 1319 (— Panalitie under these information in the control of the property of the p			nitted penalties nprisonment.	apllastes			435	687-9821	
Typed or Print			1 and 33 USC paragraph 1319 o \$10,000 and or maximum in				incipal Executive Offic uthorized Agent	cer or	Area Code	Nu	mber
Comments and explanation Sample for oil and grease i	of any violations:		red			!					

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			D	ischar	ge Monitor	ing Repor	t				
Name: PacifiCorp, Energy	West Mining Com	npany				•					
Address: P.O. Box 310 Huntington, Utah Facility: Deer Creek Mine	84528		UI0023604 Permit Number]	0901/03 Monitor	09/30/2003 ng Period	3	Dischar	001 ge Number		No Discharge
Parameter		Quan	tity or Loading		Q	uantity or Con	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.04	0.04		*****	******	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	******	******	****		once/month	Estimated
pH	Sample Measurement	*****	******	****	7.78	******	7.78		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	13	13	13		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	*****	******	N/A		***	**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	****	******	0.164	0.164		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	******	****	*****	******	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	*****	303		******	1017	1017		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	Report 30 day avg	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	******	******	******	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Execu	ıtive Officer		law that I have personally exa			Date:	09/27/20	003		Telephone	
Dee Jense - President I Mining Comp		immediately responsible information is true, accur- for submitting false info	on submitted herein; and based on my inquiry of those individuals by the property of the prop			appllastes			435	687-9821	
Typed or Print			to \$10,000 and or maximum i				Principal Executive Offi Authorized Agent	icer or	Area Code	Nun	ber
Comments and explanation Sample oil and grease only	of any violations:		is another reason to l	believe oil i	s present. Fill in N/	A when a test is not	performed.			1	

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Name: PacifiCorp, Energy	/ West Mining Cor	npany	D	isc har	ge Monitor	ing Repor	t	Deer Creek 1	Mine Discharge		
Address: P.O. Box 310 Huntington, Utal Facility: Deer Creek Mine	1 84528		UI0023604 Permit Number		0901/03 Monitori	09/30/2003 ing Period		Dischar	002 ge Number]	No Discharge
Parameter		_	tity or Loading	1		uantity or Con	1	1		Frequency of	
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Measurement	0.46	0.78		******	******	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	******	****		once/month	Estimated
pH	Sample Measurement	******	******	****	6.56	******	6.56		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	*****	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	*****	****	*****	******	N/A		***	****	****
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	*****	***	*****	0.626	0.626		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	***	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	******	*****	****	*****	******	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	******	******	****	******	421	421		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	800 Ortr avg	1000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		law that I have personally exa			Date:	09/27/20	003		Telephone	
Dee Jense - President Mining Com		immediately responsible information is true, accur-	erein; and based on my inquir for obtaining the information at eand complete. I amaware th rmation, including the possib	n, I believe the sub at there significar	omitted nt penalties		afella	steo	435	687-9	9821
	. ,		01 and 33 USC paragraph 131 to \$10,000 and or maximum		nalties under these between 6		rincipal Executive Offi Authorized Agent	cer or	Area Code	Nun	nber
Typed or Print Comments and explanation		1				+	•		<u> </u>	1	
Sample oil and grease only			is another reason to	believe oil i	s present. Fill in N/	A when a test is not	performed.				

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N D GC E	w.w.		וע	iscnarg	e Monitori	ng Keport	Minor				
Name: PacifiCorp, Energy Address: P.O. Box 310 Huntington, Utal	West Mining Cor	npany	UI0022896	ר	0901/03	09/30/2003	Minor		001	1	No Discharge
Facility: Cottonwood/Wil	berg Mine		Permit Number	_	Monitor	ing Period		Dischar	ge Number	J	
Parameter		Quan	tity or Loading		Q	uantity or Con	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.034	0.034		******	******	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
рН	Sample Measurement	******	******	****	6.53	******	6.53		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	****	******	******	< 0.02		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	218		******	******	******	****	0	1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab
Oil and Grease	Sample Measurement	*****	******	****	******	******	N/A		***	**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual
84066 0 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visal
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Exe	cutive Officer		law that I have personally exa rein; and based on my inquir			Date:	09/27/20	003		Telephone	
Dee Jense - President Mining Com		immediately responsible information is true, accur-	for obtaining theinformation ate and complete I amaware the mation, including the possib	n,I believe the sub- at there significant	mitted t penalties		ngell.	ster	435	687-	9821
Typed or Prin		See 18 USC paragraph 10 statutes include fines up months and 5 years	01 and 33 USC paragraph 131 to \$10,000 and or maximum	19.(Pa imprisonment of b	nalties under these setween 6		Principal Executive Offi Authorized Agent	cer or	Area Code	Nu	mber
Comments and explanation If oil and grease sheen is o	of any violations		this must be less that	ın 10 mg/L.		1				ı	

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 Revised 1-02
 Page 1 of 6

			Dis	scnarge	e Monitorii	ig Keport					
	rgy West Mining C	ompany					Minor				
Address: P.O. Box 310				-			_			•	
Huntington, Uta			UT0022896		0901/03	09/30/2003	4		003		No Discharge
Facility: Cottonwood/V	viiderg iviine		Permit Number	J	Monitorir	ig Period	_	Dischar	ge Number		X_{-}
		0	T 11			0					
Parameter		Average	tity or Loading Maximum	Units	Minimum Minimum	Average	Maximum	Units		Frequency of	
	Sample	Average	iviaxiiiuiii	Cints				Cints	No. Ex.	Analysis	Sample Type
Flow Rate	Measurement				*****	*****	******	****		1/30	Measured
00056 100	Permit	Report	Report	(03) mgd	*****	*****	******			once/month	Measured
Effluent Gross Value	Requirement Sample	30 day avg	Daily max	(**)				****			
pН	Measurement	*****	*****	****		*****				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Efficient Gross value	Sample	******	*****					30			
Solids, Total Suspended	Measurement	*****	*****	****						1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day = x	70	(19) mg/L		once/month	Grab
Efficient Gross value	Sample	******	*****		30 day avg	/ day ax	THE				
Settleable Solids	Measurement	*****	*****	****	Aic					1/30	Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	A .	IJIJ'	******	0.5 Daily	(25) mL/L		once/month	Grab
Efficient Gross value	Sample	*****	- N	HU)	*****		iliax	IIII/L			
Iron, Total (as Fe)	Measurement	******	****	****	******					1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
	Sample	******			*****	******	******	****		1/30	Grab
Solids, Total Dissolved 70295 1 0 0	Measurement		****							1/30	Giab
Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	*****	*****	******	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	*****	*****	*****	****		4/30	Visual
84066 1 0 0	Permit	******	0	yes =1	******	******	*****	****			
Effluent Gross Value	Requirement	*****	inst max	no=0	*****	*****	******	****		Weekly	Visual
Name/Title Principal Exc	cutive Officer		of law that I have personal herein; and based on my in			Date:	09/27/20	03		Telephone	
Dee Jense - Presider		immediately responsible	e for obtaining the informa-	tion, I believe t	the submitted		nolla	-1-	10.5	(07	-9821
			curate and complete. I am formation, including the po			-	white	Ma	435	08/-	-9821
Mining Com	pany	18 USC paragraph 100	1 and 33 USC paragraph 1:	319. (Penaltie	s under these statutes	Signature of Pr	incipal Executive Offic	or or			
Typed or Pri	nted	include fines up to \$10 and 5 years .)	,000 and or maximum imp	risonment of bet	ween 6 months		Authorized Agent	act of	Area Code	Nu	mber
Comments and explana		ations:							l .	1	
If oil and grease sheen	-		en and this must be	e less than	10 mg/L.						
		•			-						

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 Revised 1-02
 Page 3 of 6

Name: PacifiCorp, Energy Address: P.O. Box 310	West Mining Con	npany	וע	scnarg	e Monitorii	ng Keport	Minor				
Huntington, Utah Facility: Cottonwood/Wilb			UT0022896 Permit Number		0901/03 Monitorin	09/30/2003 ag Period]	Discharg	004 ge Number		No Discharge
Parameter		Quan	tity or Loading		Qı	antity or Conc	entration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
рН	Sample Measurement	******	******	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****			-40				
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day at	35 Ov A A	ily	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******		N 151	cha					
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	U.	*******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	******	"		******	******	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes=1 no=0	******	******	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Exec	utive Officer		aw that I have personal ly exan ein; and based on my inquiry			Date:	09/27/200	03		Telephone	
Dee Jense - President I Mining Comp		immediately responsible for information is true, accurate for submitting false informations.	or obtaining the information, e and complete. I am aware that nation, including the possibi	I believethe subr theresignificant lity of fineand in	nitted penalties nprisonment. See		ngella	tes	435	687-	9821
Typed or Print			d 33 USC paragraph 1319.(0 and or maximum imprisons		es under these statutes months and		incipal Executive Office uthorized Agent	er or	Area Code	Nu	mber
Comments and explanation If oil and grease sheen is of	of any violations oserved, a sample			n 10 mg/L.		,	-			D 4 . 6 /	
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Copied from EPA Form 3320-1 (Rev.3-99)

			Dis	charge	Monitorin	g Renort					
Name: PacifiCorp, Ener	gy West Mining Co	ompany	Dis	enar ge	1VIOIIICOI III	ig recport	Minor				
Address: P.O. Box 310	0.4520		1.FT0022007	т	0901/03	09/30/2003	n 1		005	1	N. D. I
Huntington, Utah Facility: Cottonwood/V			UT0022896 Permit Number		Monitorin	031001-000	1		ge Number		No Discharge
				4		8	_ '		8*	_	X
Parameter		Quant	ity or Loading		Ou	antity or Cond	centration				
1 at afficter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	******	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
рН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****		Δ				
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	E	- JAP 1	ary	7 day max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	Ma		ייטל	*****	NR				
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	NO	****	******	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******						
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	*****	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****			
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	******	******	****		Weekly	Visual
Name/Tital Principal Exe	cutive Officer		of law that I have personal erein: and based on my in			Date:	09/27/200			Telephone	
Dee Jense - Presider		information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. Se			he submitted significant penalties		rofellas	tes	435	687-	9821
Mining Com	рапу	18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months				signature of Principal Executive Officer or			Area Code	No	mber
Typed or Prin		and 5 years .)				Aı	uthorized Agent			140	
	nents and explanation of any violations: and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.										

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			Dis	scharge	Monitorin	g Report					
Name: PacifiCorp, Ene Address: P.O. Box 310 Huntington, Utal Facility: Cottonwood/N		Company	UT0022896 Permit Number]	0901/03 Monitorin	09/30/2003]	S	ombination 002 UM A ge Number	.003, & 005	No Discharge
Parameter		Quan	tity or Loading		Qu	antity or Cond	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Solids, Total Dissolved 70295 100	Sample Measurement	D	2000	20	******	*****	*****				
70295 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	2000 Daily max	(26) lbs/day	******	*****	*****	****		once/month	Grab
	Sample Measurement										
	Permit Requirement		N			-010					
	Sample Measurement					ary					
	Permit Requirement				1561		6				
	Sample Measurement			<u>o '</u>		R UL)				
	Permit Requirement		,		<u>^13.</u>	D					
	Sample Measurement		4.4	AL.	Do.						
	Permit Requirement		FIL	,,,,							
	Sample Measurement										
	Permit Requirement										
	Sample Measurement Permit										
	Requirement										
Name/Title Principal Exe	cutive Officer		y of law that I have personal herein; and based on my in			Date:	09/27/20	03		Telephone	
Dee Jense - Presider Mining Com		immediately responsil information is true, as for submitting false in	ble for obtaining the inform ccurate and complete. I am nformation, including the po	ation, I believe to aware that there assibility of fine a	he submitted e significant penalties and imprisonment. See	Ca	ngella	tes	435	687	-9821
			01 and 33 USC paragraph 1 0,000 and or maximum imp				ncipal Executive Offic athorized Agent	er or	Area Code	Nu	ımber
Typed or Pri Comments and explana							<u> </u>			1	
Total discharge of TDS			shall not exceed 2,	000 lbs/day	during draw dow	'n.					

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			Dis	scharg	e Monitorii	ıg Report					
Name: PacifiCorp, Energy Address: P.O. Box 310	gy West Mining Co	ompany									
Address: P.O. Box 310 Huntington, Utah	84528		UTG040022	ī	0901/03	09/30/2003	7		001	٦	No Discharge
Facility: Des Bee Dove M			Permit Number			ng Period	1		rge Number		X
				1					J		[A]
Parameter	$\overline{\mathbf{I}}$	Quant	ity or Loading		Qı	iantity or Con	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	******	****		once/month	Estimated
ьН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	25 30 da		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	nis	Clic	****		****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	O·		*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		of law that I have personal			Date:	09/27/20	03		Telephone	
Dee Jense - Presiden Mining Comp		immediately responsible information is true, acc for submitting false info	erein; and based on my inc e for obtaining the informat urate and complete. I am a mation, including the pos	tion, I believe iware that ther sibility of fine	the submitted e significant penalties and imprisonment. See	C	nJella	ster	435	687-	-9821
Typed or Prin		and 33 USC paragraph 13 900 and or maximum impr				ncipal Executive Offic uthorized Agent	cer or	Area Code	Nu	ımber	
Comments and explanat		ations:				1			1	.1	
Oil and grease not to exc	-		. Settleable solids	shall be n	neasured during st	orm water discha	rge.				

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			Dis	scharg	e Monitorii	ng Report					
Name: PacifiCorp, Energ	gy West Mining Co	ompany		_							
Address: P.O. Box 310 Huntington, Utah Facility: Hunter Coal Pro			UTG040009 Permit Number		0901/03 Monitori	09/30/2003 ng Period			001 rge Number]	No Discharge
Parameter		Quant	ity or Loading		Qı	antity or Con	centration			Ī	
1 11 11 11 11 11 11		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
рН	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	******				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	******	ah?	arge	7	****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****		Ciir	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	3	******	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	*****	*****	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	******	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		of law that I have personal serein; and based on my inc			Date:	09/27/20			Telephone	
Dee Jense - Presiden Mining Comp		immediately responsible information is true, acc for submitting false info	e for obtaining the informaturate and complete. I am a simulation, including the pos	tion, I believe iware that ther sibility of fine	the submitted e significant penalties and imprisonment. See	Co	ngella	ster	435	687-	-9821
			and 33 USC paragraph 13 000 and or maximum impr				incipal Executive Offic authorized Agent	er or	Area Code	Nu	ımber
Typed or Print Comments and explanat									l		•
Oil and grease not to exc			. Settleable solids	shall be n	neasured during st	orm water discha	ırge.				

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			Dis	scharg	e Monitorii	ng Report					
Name: PacifiCorp, Energ	gy West Mining Co	ompany		_							
Address: P.O. Box 310 Huntington, Utah Facility: Hunter Coal Pro			UTG040009 Permit Number		09/01/2003 Monitori	09/30/2003 ng Period	3		002 rge Number]	No Discharge
Parameter		Quant	ity or Loading		Qı	antity or Con	centration				
1 ar annecer		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	******	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	******	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	******				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	25 30 day av	70 il 24	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	Mic	CI	ALD.		****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	10		******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	******	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	******	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	*****	******	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	******	*****	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		of law that I have personal erein; and based on my inc			Date:	09/27/20	03		Telephone	
Dee Jense - Presiden Mining Comp		immediately responsible information is true, acc for submitting false info	for obtaining the informat trate and complete. I am a mation, including the pos	tion, I believe iware that ther sibility of fine	the submitted e significant penalties and imprisonment. See		nolla	stea	435	687-	9821
			and 33 USC paragraph 13 000 and or maximum impr				incipal Executive Offic authorized Agent	er or	Area Code	Nu	mber
Typed or Prin							gem		l	l .	
Comments and explanate Oil and grease not to exceed to the exceed			. Settleable solids	shall be n	neasured during st	orm water discha	nrge.				

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